

List of Research Publications

1. Microwave Induced Stereoselective Synthesis of *O*-Vinyl Oximes using Acetylenic Esters as Efficient Michael Acceptors.
Ankush Mishra, Sundaram Singh, M. A. Quraishi, and Vandana Srivastava; *Chemistry Select* 3 (2018) 1–7.
2. Cerium Catalyzed Transamidation of Secondary Amides under Ultrasound Irradiation: A Breakthrough in Organic Synthesis.
Ankush Mishra, Sundaram Singh, and Vandana Srivastava; *Asian J. Org. Chem.* 7 (2018) 1600 – 1604
3. A Catalyst Free Expeditious Green Synthesis of Quinoxaline, Oxazine, Thiazine, and Dioxin Derivatives in Water under Ultrasound irradiation.
Ankush Mishra, S. Singh, M. A. Quraishi and Vandana Srivastava; *Organic Preparations and Procedures International* (Accepted 2018).
4. TBHP-Initiated Transamidation of Secondary Amides via C-N Bond Activation: A Metal-Free Approach.
Ankush Mishra, Swati Chauhan, Pratibha Verma and Vandana Srivastava;
(Communicated)
5. NaBH₄ induced reduction of amides to alcohols and amines under mild reaction conditions.
Ankush Mishra, Vandana Srivastava; (Communicated)
6. Restricted rotation about N-O bond in *O*-substituted derivatives of anthracene/ β -naphthol-maleic anhydride oximes: And slow rotation of methyl group.
Ankush Mishra, Vandana Srivastava; (Communicated)
7. Synthesis, characterization and corrosion inhibition studies of N-Phenyl-benzamides on the acidic corrosion of mild steel: Experimental and computational studies.
Ankush Mishra, Chandrabhan Verma, H. Lgaz, Vandana Srivastava, M. A. Quraishi and Eno E Ebenso; *Journal of molecular Liquids*, 251 (2018) 317-332.
8. Chemical, Electrochemical and Computational Studies of Newly Synthesized Novel and Environmental Friendly Heterocyclic Compounds as Corrosion Inhibitors for Mild Steel in Acidic Medium.
Ankush Mishra, Chandrabhan Verma, V. Srivastava, H. Lgaz, M. A. Quraishi, Eno E. Ebenso, Ill-Min Chung; *JBTC*, 4 (2018) 32.
9. Synthesis, Characterization, and Corrosion Inhibition Performance of 5-Aminopyrazole Carbonitriles Towards Mild Steel Acidic Corrosion.
Ankush Mishra, Chandrabhan Verma, Swati Chauhan, M. A. Quraishi, Eno E. Ebenso, Vandana Srivastava; *JBTC*, 4 (2018) 53.

